

Title (en)  
Headlamp

Title (de)  
Scheinwerfer

Title (fr)  
Projecteur d'éclairage

Publication  
**EP 1568940 B1 20070110 (EN)**

Application  
**EP 05003914 A 20050223**

Priority  
JP 2004051236 A 20040226

Abstract (en)  
[origin: EP1568940A1] In a casing (3) of a headlamp, a substrate portion (7) to which a light-emitting diode (13) as a light source is mounted, and a battery case (9) accommodating a battery (11) for providing necessary power to the light-emitting diode (13) are provided. The substrate portion (7) is spaced apart from a partition (10) disposed on the front side of the battery case (9), with spacing (8) provided therebetween. The partition (10) is provided with a vent hole (20), having an upper vent hole (20a) and a lower vent hole (20b), for establishing communication of the spacing (8) between the substrate portion (7) and the partition (10) with the space within the battery case (9), for circulation of the air. Thus, a headlamp capable of suppressing adverse effects of the heat generated from the light-emitting diode or the like on the elements mounted on the substrate is provided.  
<IMAGE>

IPC 8 full level  
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**EP 1568940 A1 20050831**; **EP 1568940 B1 20070110**; CA 2498472 A1 20050826; CA 2498472 C 20080826; CN 100591567 C 20100224; CN 1660644 A 20050831; DE 602005000414 D1 20070222; DE 602005000414 T2 20071011; DK 1568940 T3 20070305; HK 1079745 A1 20060413; JP 2005243405 A 20050908; JP 4425019 B2 20100303; TW 200540050 A 20051216; TW I250104 B 20060301; US 2005189533 A1 20050901; US 7258475 B2 20070821

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